

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GH8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51715 MA No. : SDG No.: MH2GH8

Matrix: SOIL Lab Sample ID: P4387-01

% Solids: 100 Date Received: 10/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.46	J	10/28/2024	2346
7440-38-2	Arsenic	5.4		10/28/2024	2346
7440-39-3	Barium	110		10/28/2024	2346
7440-41-7	Beryllium	0.21	J	10/28/2024	2346
7440-43-9	Cadmium	0.82		10/28/2024	2346
7440-47-3	Chromium	14		10/28/2024	2346
7440-48-4	Cobalt	2.2		10/28/2024	2346
7440-50-8	Copper	60		10/28/2024	2346
7439-92-1	Lead	49		10/28/2024	2346
7439-96-5	Manganese	190		10/28/2024	2346
7440-02-0	Nickel	11		10/28/2024	2346
7782-49-2	Selenium	2.2	U	10/28/2024	2346
7440-22-4	Silver	0.13	J	10/28/2024	2346
7440-28-0	Thallium	0.083	J	10/28/2024	2346
7440-62-2	Vanadium	8.6		10/28/2024	2346
7440-66-6	Zinc	160		10/28/2024	2346

NOTE: Hardness (total) is reported in mg/L

Comments:

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MH2GH9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51715 MA No. : SDG No.: MH2GH8

Matrix: SOIL Lab Sample ID: P4387-02

% Solids: 100 Date Received: 10/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.53	J	10/28/2024	2349
7440-38-2	Arsenic	3.9		10/28/2024	2349
7440-39-3	Barium	76		10/28/2024	2349
7440-41-7	Beryllium	0.23	J	10/28/2024	2349
7440-43-9	Cadmium	0.79		10/28/2024	2349
7440-47-3	Chromium	8.6		10/28/2024	2349
7440-48-4	Cobalt	1.9		10/28/2024	2349
7440-50-8	Copper	39		10/28/2024	2349
7439-92-1	Lead	40		10/28/2024	2349
7439-96-5	Manganese	180		10/28/2024	2349
7440-02-0	Nickel	7.9		10/28/2024	2349
7782-49-2	Selenium	0.40	J	10/28/2024	2349
7440-22-4	Silver	0.15	J	10/28/2024	2349
7440-28-0	Thallium	0.068	J	10/28/2024	2349
7440-62-2	Vanadium	7.2		10/28/2024	2349
7440-66-6	Zinc	170		10/28/2024	2349

NOTE: Hardness (total) is reported in mg/L

Comments:

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MH2GJ0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51715 MA No. : SDG No.: MH2GH8

Matrix: SOIL Lab Sample ID: P4387-03

% Solids: 100 Date Received: 10/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.3		10/28/2024	2352
7440-38-2	Arsenic	2.5		10/28/2024	2352
7440-39-3	Barium	91		10/28/2024	2352
7440-41-7	Beryllium	0.13	J	10/28/2024	2352
7440-43-9	Cadmium	1.9		10/28/2024	2352
7440-47-3	Chromium	49		10/28/2024	2352
7440-48-4	Cobalt	1.6		10/28/2024	2352
7440-50-8	Copper	51		10/28/2024	2352
7439-92-1	Lead	120		10/28/2024	2352
7439-96-5	Manganese	180		10/28/2024	2352
7440-02-0	Nickel	18		10/28/2024	2352
7782-49-2	Selenium	0.79	J	10/28/2024	2352
7440-22-4	Silver	0.80		10/28/2024	2352
7440-28-0	Thallium	0.058	J	10/28/2024	2352
7440-62-2	Vanadium	7.2		10/28/2024	2352
7440-66-6	Zinc	290		10/28/2024	2352

NOTE: Hardness (total) is reported in mg/L

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MH2GJ1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51715 MA No. : SDG No.: MH2GH8

Matrix: SOIL Lab Sample ID: P4387-06

% Solids: 100 Date Received: 10/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	11		10/29/2024	0005
7440-38-2	Arsenic	0.62		10/29/2024	0005
7440-39-3	Barium	24		10/29/2024	0005
7440-41-7	Beryllium	0.071	J	10/29/2024	0005
7440-43-9	Cadmium	0.15	J	10/29/2024	0005
7440-47-3	Chromium	5.7		10/29/2024	0005
7440-48-4	Cobalt	0.65		10/29/2024	0005
7440-50-8	Copper	22		10/29/2024	0005
7439-92-1	Lead	7.2		10/29/2024	0005
7439-96-5	Manganese	83		10/29/2024	0005
7440-02-0	Nickel	4.5		10/29/2024	0005
7782-49-2	Selenium	0.63	J	10/29/2024	0005
7440-22-4	Silver	0.21	J	10/29/2024	0005
7440-28-0	Thallium	0.38	U	10/29/2024	0005
7440-62-2	Vanadium	1.7	J	10/29/2024	0005
7440-66-6	Zinc	150		10/29/2024	0005

NOTE: Hardness (total) is reported in mg/L

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MH2GJ2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51715 MA No. : SDG No.: MH2GH8

Matrix: SOIL Lab Sample ID: P4387-07

% Solids: 100 Date Received: 10/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	5.5		10/29/2024	0009
7440-38-2	Arsenic	0.53		10/29/2024	0009
7440-39-3	Barium	86		10/29/2024	0009
7440-41-7	Beryllium	0.060	J	10/29/2024	0009
7440-43-9	Cadmium	0.20	J	10/29/2024	0009
7440-47-3	Chromium	6.3		10/29/2024	0009
7440-48-4	Cobalt	0.73		10/29/2024	0009
7440-50-8	Copper	27		10/29/2024	0009
7439-92-1	Lead	5.6		10/29/2024	0009
7439-96-5	Manganese	94		10/29/2024	0009
7440-02-0	Nickel	6.9		10/29/2024	0009
7782-49-2	Selenium	2.0	U	10/29/2024	0009
7440-22-4	Silver	0.26	J	10/29/2024	0009
7440-28-0	Thallium	0.40	U	10/29/2024	0009
7440-62-2	Vanadium	1.7	J	10/29/2024	0009
7440-66-6	Zinc	140		10/29/2024	0009

NOTE: Hardness (total) is reported in mg/L

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MH2GJ3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51715 MA No. : SDG No.: MH2GH8

Matrix: SOIL Lab Sample ID: P4387-08

% Solids: 100 Date Received: 10/11/2024

Analytical Method: ICP_MS

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	11		10/29/2024	0012
7440-38-2	Arsenic	2.1		10/29/2024	0012
7440-39-3	Barium	69		10/29/2024	0012
7440-41-7	Beryllium	0.22	J	10/29/2024	0012
7440-43-9	Cadmium	0.52		10/29/2024	0012
7440-47-3	Chromium	50		10/29/2024	0012
7440-48-4	Cobalt	2.0		10/29/2024	0012
7440-50-8	Copper	56		10/29/2024	0012
7439-92-1	Lead	26		10/29/2024	0012
7439-96-5	Manganese	700		10/29/2024	0012
7440-02-0	Nickel	9.2		10/29/2024	0012
7782-49-2	Selenium	0.52	J	10/29/2024	0012
7440-22-4	Silver	0.78		10/29/2024	0012
7440-28-0	Thallium	0.039	J	10/29/2024	0012
7440-62-2	Vanadium	13		10/29/2024	0012
7440-66-6	Zinc	340		10/29/2024	0012

NOTE: Hardness (total) is reported in mg/L

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MH2GJ4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51715 MA No. : SDG No.: MH2GH8

Matrix: SOIL Lab Sample ID: P4387-09

% Solids: 100 Date Received: 10/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	7.9		10/29/2024	0015
7440-38-2	Arsenic	2.3		10/29/2024	0015
7440-39-3	Barium	61		10/29/2024	0015
7440-41-7	Beryllium	0.22	J	10/29/2024	0015
7440-43-9	Cadmium	0.71		10/29/2024	0015
7440-47-3	Chromium	11		10/29/2024	0015
7440-48-4	Cobalt	2.2		10/29/2024	0015
7440-50-8	Copper	51		10/29/2024	0015
7439-92-1	Lead	30		10/29/2024	0015
7439-96-5	Manganese	210		10/29/2024	0015
7440-02-0	Nickel	16		10/29/2024	0015
7782-49-2	Selenium	0.80	J	10/29/2024	0015
7440-22-4	Silver	0.53		10/29/2024	0015
7440-28-0	Thallium	0.051	J	10/29/2024	0015
7440-62-2	Vanadium	8.0		10/29/2024	0015
7440-66-6	Zinc	550		10/29/2024	0015

NOTE: Hardness (total) is reported in mg/L

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MH2GJ5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51715 MA No. : SDG No.: MH2GH8
 Matrix: SOIL Lab Sample ID: P4387-10
 % Solids: 100 Date Received: 10/11/2024
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	7.1		10/29/2024	0018
7440-38-2	Arsenic	1.3		10/29/2024	0018
7440-39-3	Barium	38		10/29/2024	0018
7440-41-7	Beryllium	0.11	J	10/29/2024	0018
7440-43-9	Cadmium	0.44		10/29/2024	0018
7440-47-3	Chromium	15		10/29/2024	0018
7440-48-4	Cobalt	1.2		10/29/2024	0018
7440-50-8	Copper	36		10/29/2024	0018
7439-92-1	Lead	19		10/29/2024	0018
7439-96-5	Manganese	180		10/29/2024	0018
7440-02-0	Nickel	8.3		10/29/2024	0018
7782-49-2	Selenium	0.67	J	10/29/2024	0018
7440-22-4	Silver	0.80		10/29/2024	0018
7440-28-0	Thallium	0.027	J	10/29/2024	0018
7440-62-2	Vanadium	4.8		10/29/2024	0018
7440-66-6	Zinc	410		10/29/2024	0018

NOTE: Hardness (total) is reported in mg/L

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MH2GJ6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51715 MA No. : SDG No.: MH2GH8

Matrix: SOIL Lab Sample ID: P4387-11

% Solids: 100 Date Received: 10/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	2.9		10/29/2024	0021
7440-38-2	Arsenic	3.7		10/29/2024	0021
7440-39-3	Barium	97		10/29/2024	0021
7440-41-7	Beryllium	0.34	J	10/29/2024	0021
7440-43-9	Cadmium	1.3		10/29/2024	0021
7440-47-3	Chromium	24		10/29/2024	0021
7440-48-4	Cobalt	3.1		10/29/2024	0021
7440-50-8	Copper	78		10/29/2024	0021
7439-92-1	Lead	70		10/29/2024	0021
7439-96-5	Manganese	330		10/29/2024	0021
7440-02-0	Nickel	17		10/29/2024	0021
7782-49-2	Selenium	0.80	J	10/29/2024	0021
7440-22-4	Silver	2.5		10/29/2024	0021
7440-28-0	Thallium	0.080	J	10/29/2024	0021
7440-62-2	Vanadium	13		10/29/2024	0021
7440-66-6	Zinc	540		10/29/2024	0021

NOTE: Hardness (total) is reported in mg/L

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MH2GJ7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51715 MA No. : SDG No.: MH2GH8

Matrix: SOIL Lab Sample ID: P4387-12

% Solids: 100 Date Received: 10/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	4.0		10/29/2024	0033
7440-38-2	Arsenic	4.6		10/29/2024	0033
7440-39-3	Barium	160		10/29/2024	0033
7440-41-7	Beryllium	0.30	J	10/29/2024	0033
7440-43-9	Cadmium	5.1		10/29/2024	0033
7440-47-3	Chromium	23		10/29/2024	0033
7440-48-4	Cobalt	3.6		10/29/2024	0033
7440-50-8	Copper	140		10/29/2024	0033
7439-92-1	Lead	410		10/29/2024	0033
7439-96-5	Manganese	330		10/29/2024	0033
7440-02-0	Nickel	69		10/29/2024	0033
7782-49-2	Selenium	0.75	J	10/29/2024	0033
7440-22-4	Silver	12		10/29/2024	0033
7440-28-0	Thallium	0.12	J	10/29/2024	0033
7440-62-2	Vanadium	13		10/29/2024	0033
7440-66-6	Zinc	970		10/29/2024	0033

NOTE: Hardness (total) is reported in mg/L

Comments:

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MH2GJ8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51715 MA No. : SDG No.: MH2GH8

Matrix: SOIL Lab Sample ID: P4387-13

% Solids: 100 Date Received: 10/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	16		10/29/2024	0037
7440-38-2	Arsenic	4.8		10/29/2024	0037
7440-39-3	Barium	140		10/29/2024	0037
7440-41-7	Beryllium	0.34	J	10/29/2024	0037
7440-43-9	Cadmium	3.7		10/29/2024	0037
7440-47-3	Chromium	41		10/29/2024	0037
7440-48-4	Cobalt	3.6		10/29/2024	0037
7440-50-8	Copper	120		10/29/2024	0037
7439-92-1	Lead	210		10/29/2024	0037
7439-96-5	Manganese	320		10/29/2024	0037
7440-02-0	Nickel	23		10/29/2024	0037
7782-49-2	Selenium	2.1	J	10/29/2024	0037
7440-22-4	Silver	0.91		10/29/2024	0037
7440-28-0	Thallium	0.15	J	10/29/2024	0037
7440-62-2	Vanadium	14		10/29/2024	0037
7440-66-6	Zinc	660		10/29/2024	0037

NOTE: Hardness (total) is reported in mg/L

Comments:

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MH2GJ9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51715 MA No. : SDG No.: MH2GH8

Matrix: SOIL Lab Sample ID: P4387-14

% Solids: 100 Date Received: 10/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	2.3		10/29/2024	0040
7440-38-2	Arsenic	3.7		10/29/2024	0040
7440-39-3	Barium	130		10/29/2024	0040
7440-41-7	Beryllium	0.27	J	10/29/2024	0040
7440-43-9	Cadmium	7.0		10/29/2024	0040
7440-47-3	Chromium	38		10/29/2024	0040
7440-48-4	Cobalt	2.8		10/29/2024	0040
7440-50-8	Copper	270		10/29/2024	0040
7439-92-1	Lead	500		10/29/2024	0040
7439-96-5	Manganese	290		10/29/2024	0040
7440-02-0	Nickel	27		10/29/2024	0040
7782-49-2	Selenium	1.6	J	10/29/2024	0040
7440-22-4	Silver	1.2		10/29/2024	0040
7440-28-0	Thallium	0.093	J	10/29/2024	0040
7440-62-2	Vanadium	10		10/29/2024	0040
7440-66-6	Zinc	750		10/29/2024	0040

NOTE: Hardness (total) is reported in mg/L

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MH2GK0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51715 MA No. : SDG No.: MH2GH8

Matrix: SOIL Lab Sample ID: P4387-15

% Solids: 100 Date Received: 10/11/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.64	J	10/29/2024	0043
7440-38-2	Arsenic	1.4		10/29/2024	0043
7440-39-3	Barium	98		10/29/2024	0043
7440-41-7	Beryllium	0.19	J	10/29/2024	0043
7440-43-9	Cadmium	2.4		10/29/2024	0043
7440-47-3	Chromium	12		10/29/2024	0043
7440-48-4	Cobalt	2.1		10/29/2024	0043
7440-50-8	Copper	62		10/29/2024	0043
7439-92-1	Lead	160		10/29/2024	0043
7439-96-5	Manganese	230		10/29/2024	0043
7440-02-0	Nickel	12		10/29/2024	0043
7782-49-2	Selenium	17		10/29/2024	0043
7440-22-4	Silver	2.4		10/29/2024	0043
7440-28-0	Thallium	0.038	J	10/29/2024	0043
7440-62-2	Vanadium	12		10/29/2024	0043
7440-66-6	Zinc	1100		10/29/2024	0043

NOTE: Hardness (total) is reported in mg/L

Comments: